

Amendments to the Specification:

Please add the following new paragraphs on page 25 after the Table 4 and before Example 1:

-- Based on a normal distribution, a range covered by one standard deviation above the mean and one standard deviation below it ($x_{\text{mean}} \pm 1\text{SD}$) includes about 68% of the observations. Consequently, knowing the mean and standard deviation of a set of observations, by putting one standard deviation above and below the mean we can estimate the ranges that would be expected to include about 68% of the observations. Based on the results in Table 4 above, we can calculate as follows:

$$\begin{aligned}\text{Standard deviation}_{\text{PE-1}} &= \text{CV}_{\text{PE-1}} \times \text{mean diameter}_{\text{PE-1}} = (35.2 \times 0.356)/100 = 0.125312. \\ \text{Mean diameter}_{\text{PE-1}} + \text{Standard deviation}_{\text{PE-1}} &= 0.356 + 0.125312 = 0.481312\end{aligned}$$

Therefore, 68% of the particles in the bi-modal distribution of PE-1 have diameters of less than 0.48. --